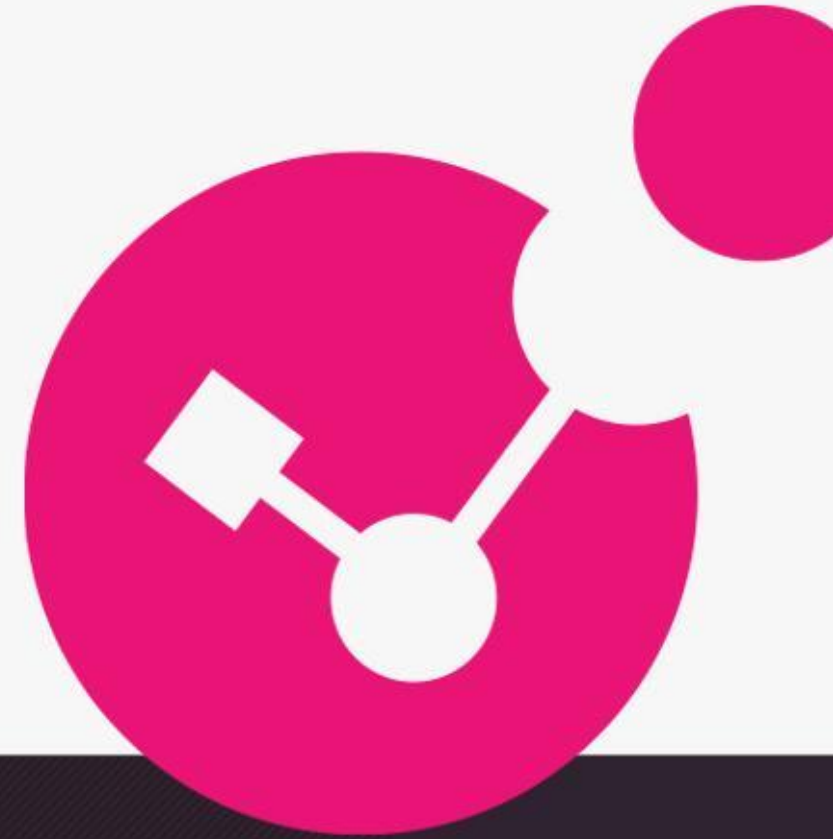# Advanced Email Security and Prevention-first Security Services

Check Point X MNsec

Henry Yang | Security Engineer

5th Oct

Check Point: The Largest Global Cyber Security Company

Global Leader – 100,000+ Customers, 88+ Countries, 6,200+ Partners

Over 30 years of cutting edge technologies, Industry's most visionary player

Innovation leadership – highest number of real-time prevention techniques

Traded on Nasdaq since 1996 - CHKP

6,000+ Employees worldwide, top talent

TRUSTED BY FORTUNE 500 COMPANIES

30 YEARS OF RECOGNITION

Gartner.

NETWORK

Gartner. — 23 times Security Leader in Magic Quadrant

Gartner. — Customers' Choice for Unified Threat Management

NSS LABS — Highest cyber prevention score in Breach Prevention

ENDPOINT & EMAIL

MITRE ENGENUITY. — Highest coverage of detected attacking techniques

AV TEST — Top Product Scoring: 17.5 / 18

Gartner peerinsights customers' choice 2021 — A leader in Cloud Email Security

MOBILE

IDC — Highest Mobile security value

CLOUD

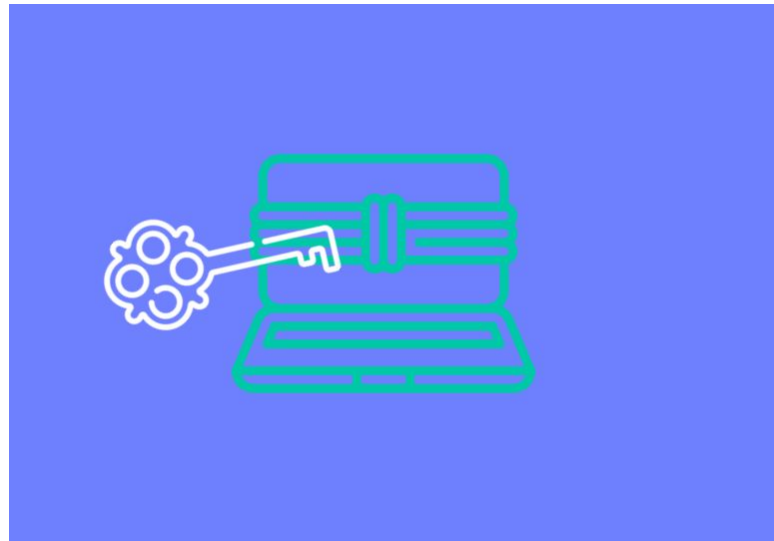**Leader WINTER 2022** — CloudGuard, Leader in 3 customer choice grids

Email is the #1 Threat

#1

Email is the #1 threat resulting in breaches

78%

Organizations saw an email based ransomware attack

23%

SOC's time spent managing the email security threat

Migration to Legacy Email Gateways

Transitory Market

*"Forrester's 2021 Wave evaluation of the email security market revealed that secure email gateways (SEGs) are **slowly becoming dinosaurs**"*

*"By 2025, **20% of anti-phishing solutions will be delivered via API integration** with the email platform, up from less than 5% today."*

"Large-scale migration of email to the cloud has necessitated a strategic shift in how to secure this communication channel."

"Omdia sees the email security market as in transition"

SEGS VS. NON-SEGS/API

WHAT'S THE DIFFERENCE

YOU DESERVE THE BEST SECURITY

Check Point Harmony Email & Collaboration (HEC)

HEC's Architecture

- Built on AI/ML & APIs

- Embedded within O365/G-Suite - as a layer or replacement

- Prevention + Post Delivery Protection

Data leakage

Malicious attachments

Spear phishing

Malicious URLs

Zero days

Phishing

Spam

Provides Our Customers:

- Better Security

- Time Savings

- Deployment in 5 minutes

LEG

EOP

ATP

HEC

Inbox Protection

Post–Delivery Protection

Optional with HEC

CHECK POINT
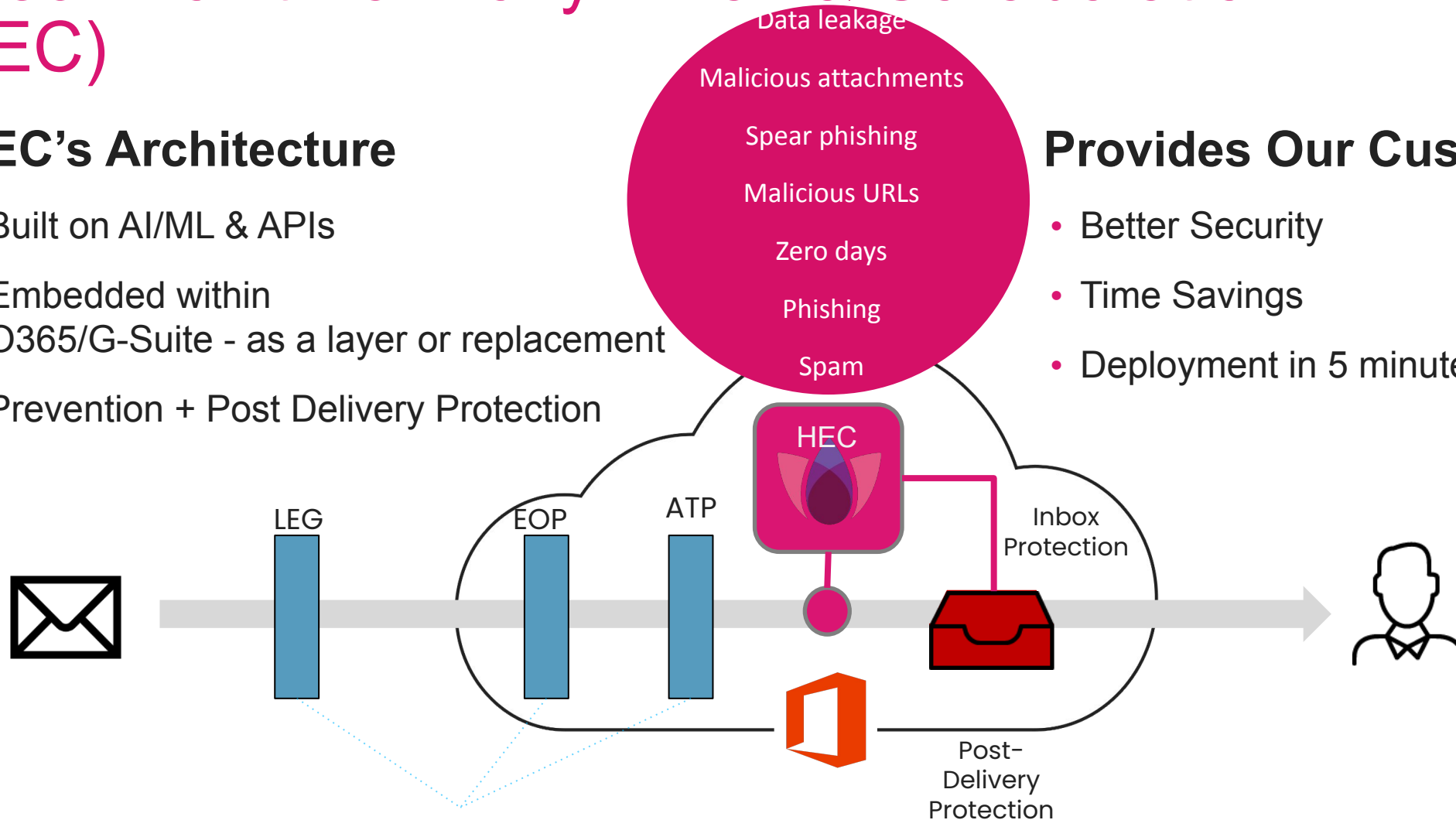
SmartPhish – AI based phishing and Spam Detection engine

Present text analysis of the email body, including key paragraphs highlighting.

The textual analysis also highlights the main entities in the email body - organizations, locations, and more.

AI Textual analysis of Email Body

# SmartPhish – AI based phishing and Spam Detection engine
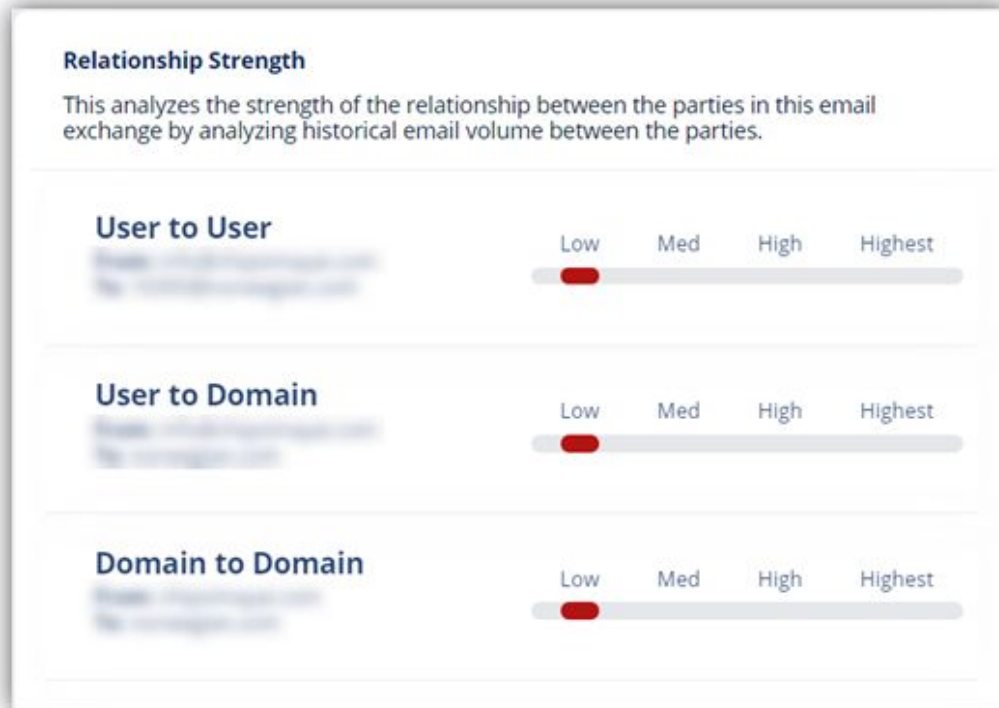
Relationship Strength
Analyze the volume of email traffic between the sender (including sender domain) and the recipient (including the protected domain).

Email Transport Chain

Present the route of the email from the sender to the recipient, highlighting potentially malicious hops en route - such as VPNs, proxies, and MTAs.
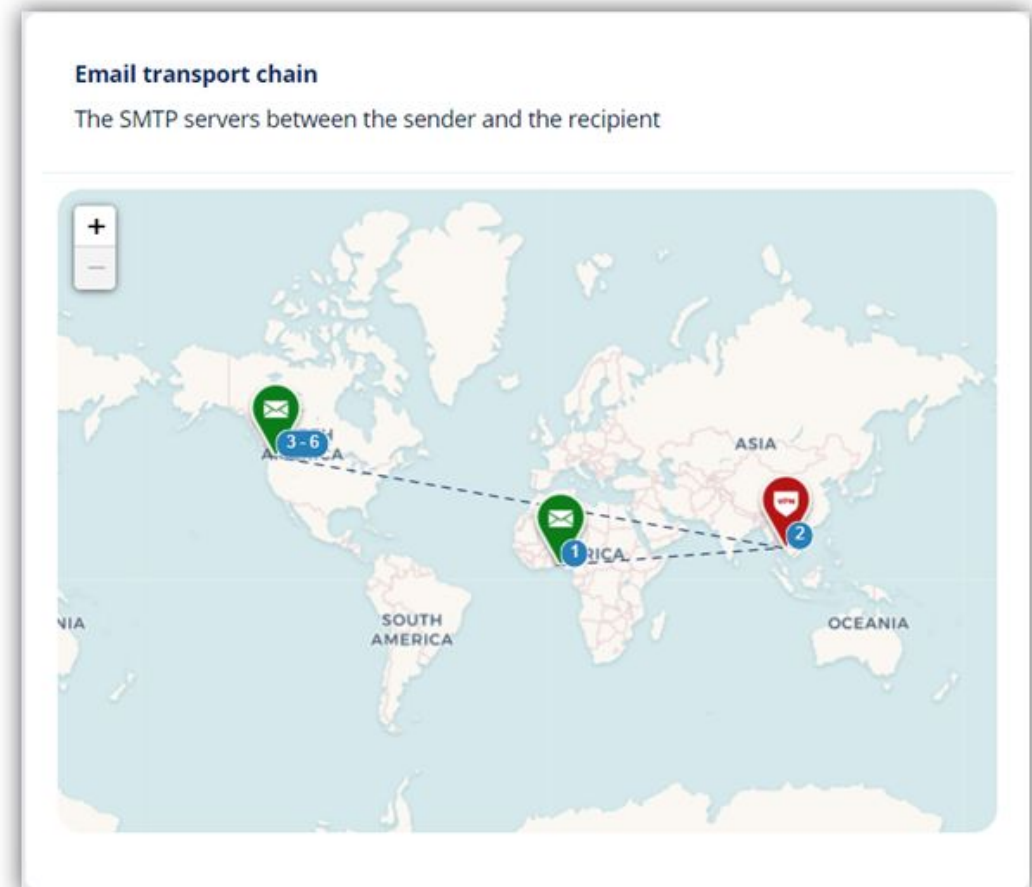
CHECK POINT

Discovery Pro Matrix

Vendors: 8, Reviews: 930 (Data from last 12 months)   Size of square increases with number of reviews
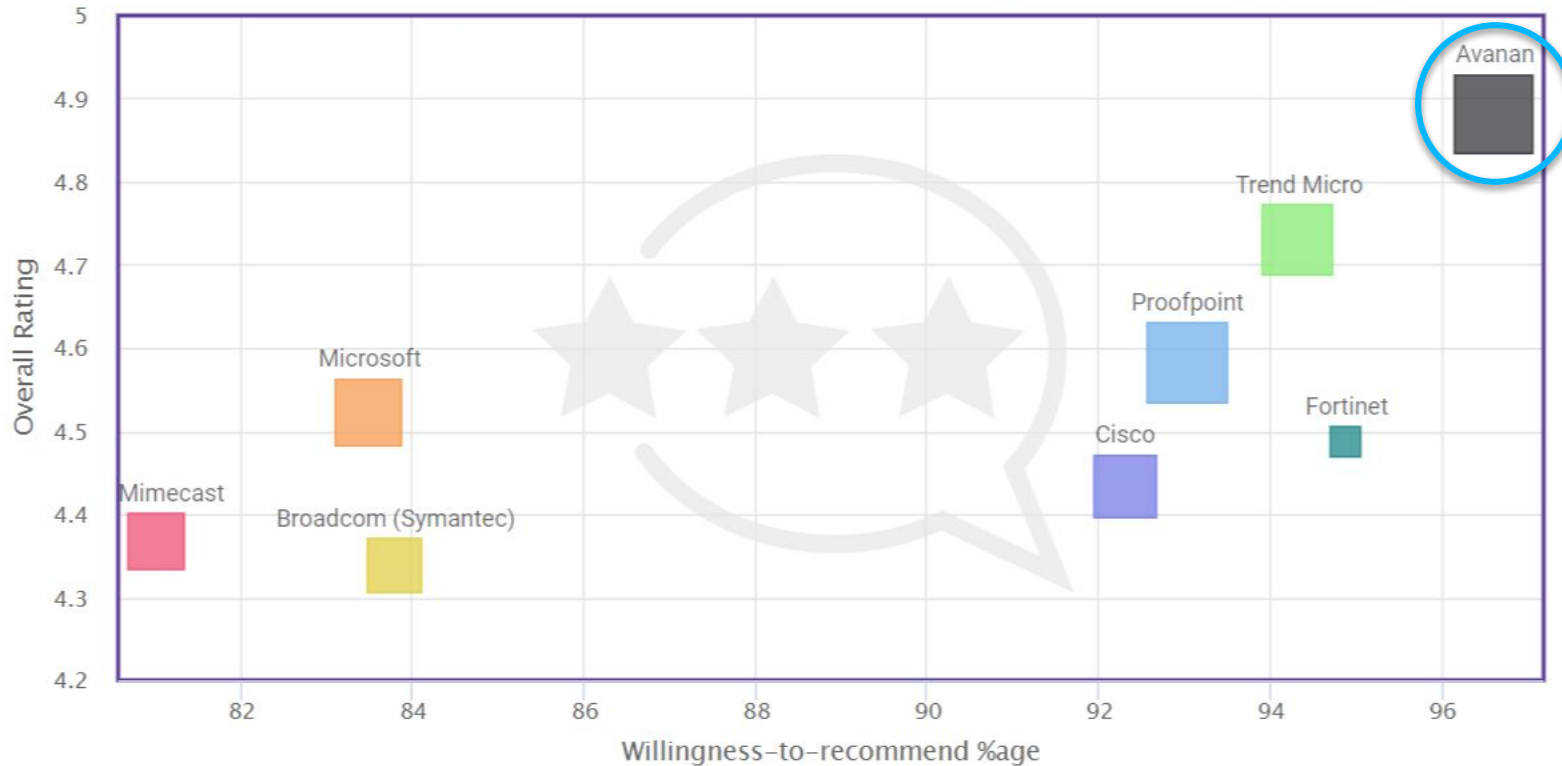
#1 Ranked in Gartner Peer Insights
(4.9 out of 5)

#1 Ranked in G2
(97% Satisfaction Rate)

Fastest growing email security solution
(Deloitte)

6000+ Customers Worldwide

https://www.checkpoint.com/press/2021/check-point-software-technologies-acquires-avanan/
https://www.gartner.com/reviews/market/email-security

99.9%

Reduction in phishing attacks reaching end users

71.2%

Reduction email security incidents reported to SOC

HORIZON

PREVENTION-FIRST SECURITY OPERATIONS

CHECK POINT

The Threat Landscape Is Growing Exponentially

32% increase

in global weekly cyber attacks (YoY)

59% increase

in ransomware attacks

Gen V attacks

at nation state scale

Security Teams Focus on Detection
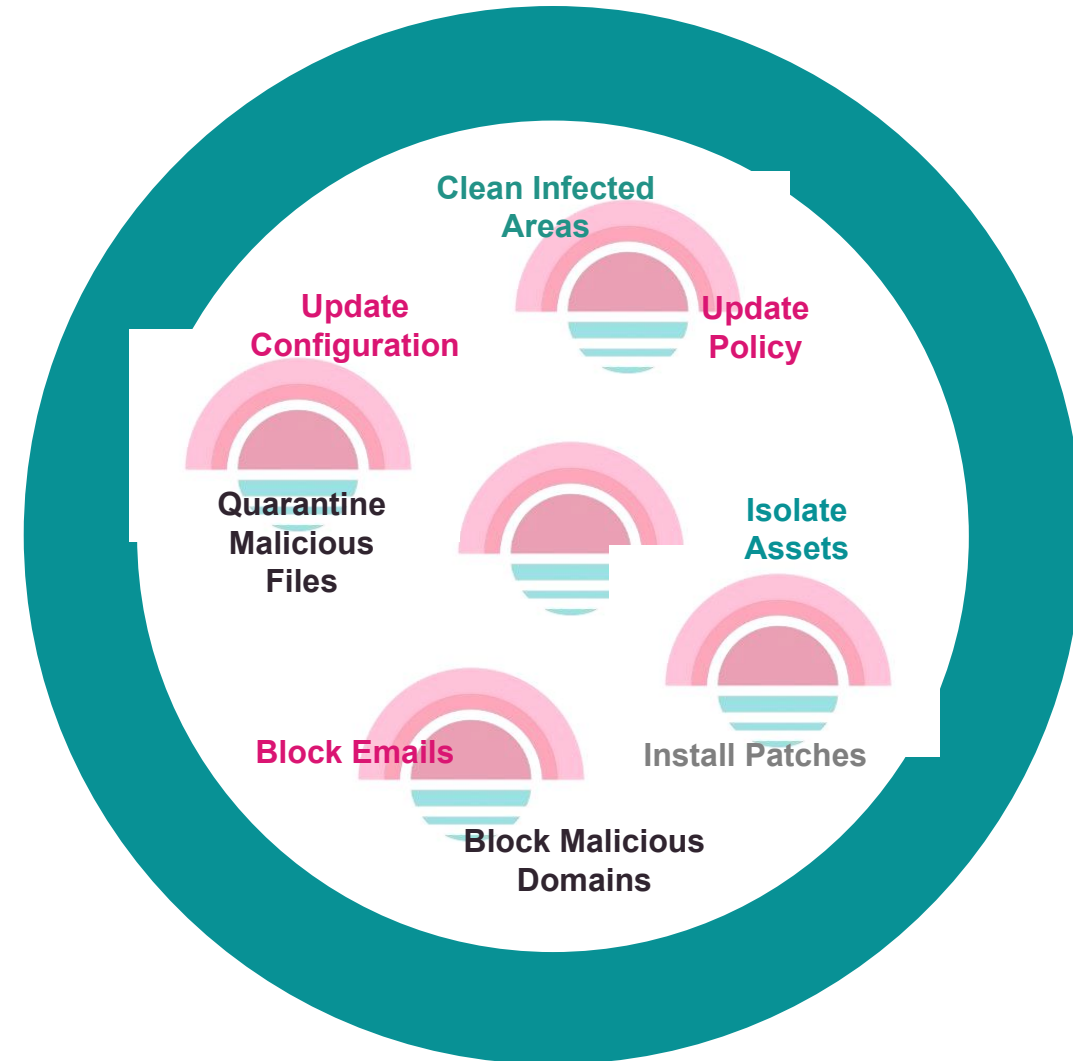
» Endless alerts, false positives

» Multiple tools in siloes

» Narrow attack vector view lacks context

» Cyber experience and skillset shortage

CHECK POINT

Horizon: Prevention First Security Operations
Improve Defenses & Prevent Future Attacks

- **Prevention mode across all enforcement points**
Network, Cloud, Email, Endpoint, Mobile, IoT

- **Automated prevention**
Prevent attacks from quickly expanding within the environment

- **Harden defenses with prevention best practices**
Prevent future attacks

- **Highest catch rate & prevention**
Leveraging CP<R> experts & ThreatCloud

Clean Infected Areas

Update Policy

Update Configuration

Isolate Assets

Quarantine Malicious Files

Block Emails

Install Patches

Block Malicious Domains

Prevention First Security Operations

HORIZON MDR/MPR

24/7 SOC Service, 365 Days A Year
Full Threat Management | Incident Response | Elite Experts

HORIZON XDR/XPR

Extended Prevention & Response
Incidents | Hunting | IOC Management

HORIZON EVENTS

Unified Data Platform
Troubleshoot | Investigate | Reports | Retention | SIEM Connectors

CloudGuard   Harmony   Quantum   3rd party

Powered by ThreatCloud
The brain behind Check Point's products

AI technology

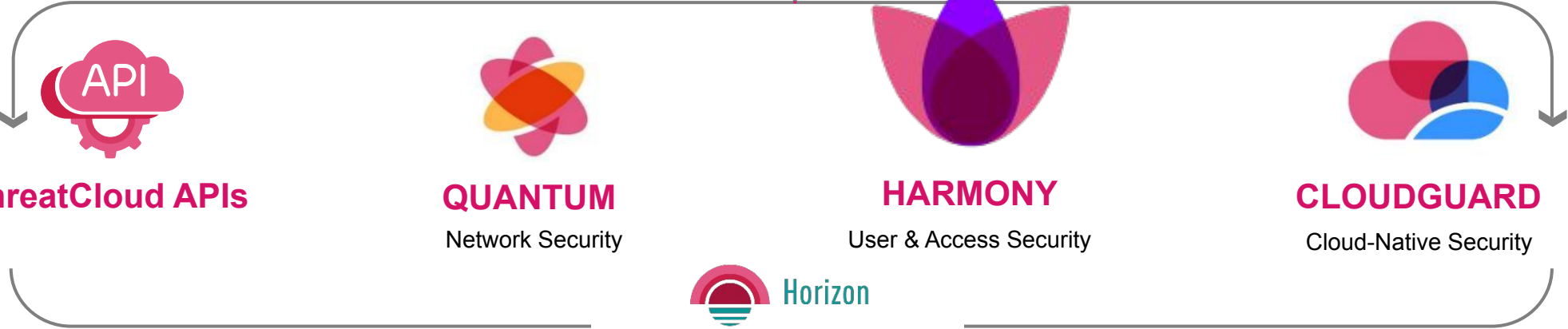30+ AI and Machine Learning technologies that identify and block emerging threats that were never seen before

Big data threat intelligence

Always acquires the most recent IoCs and protections of latest attacks seen in the wild

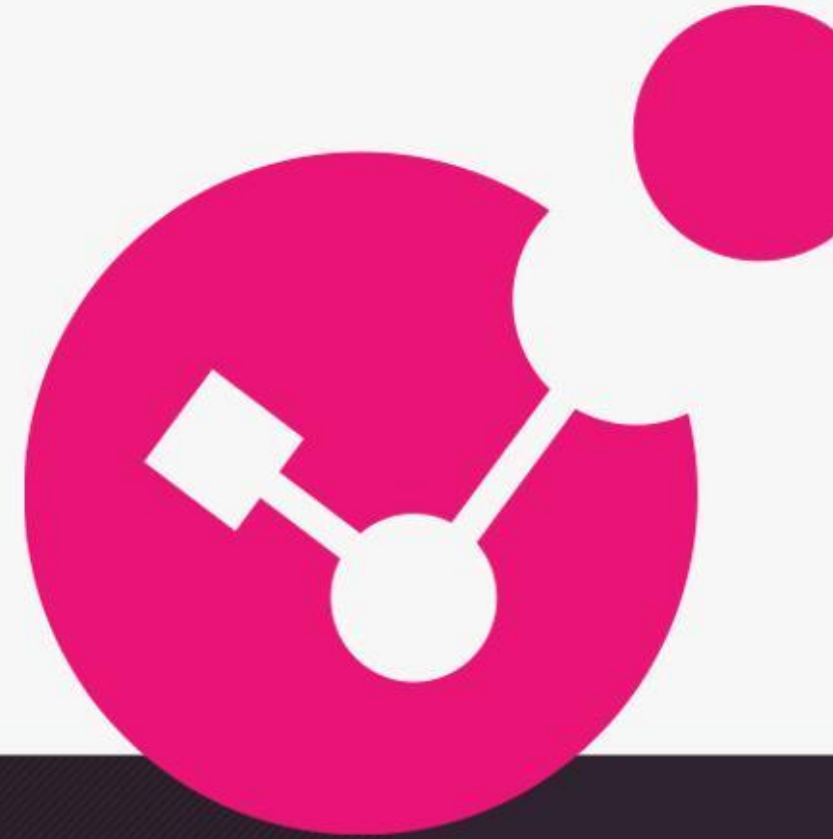**THREATCLOUD**

ACCURATE PREVENTION

(MALICIOUS/SAFE)

Telemetry

Telemetry

ThreatCloud APIs

QUANTUM

Network Security

HARMONY

User & Access Security

CLOUDGUARD

Cloud-Native Security

Horizon

Unified management & security operations

CHECK POINT

Thank you!